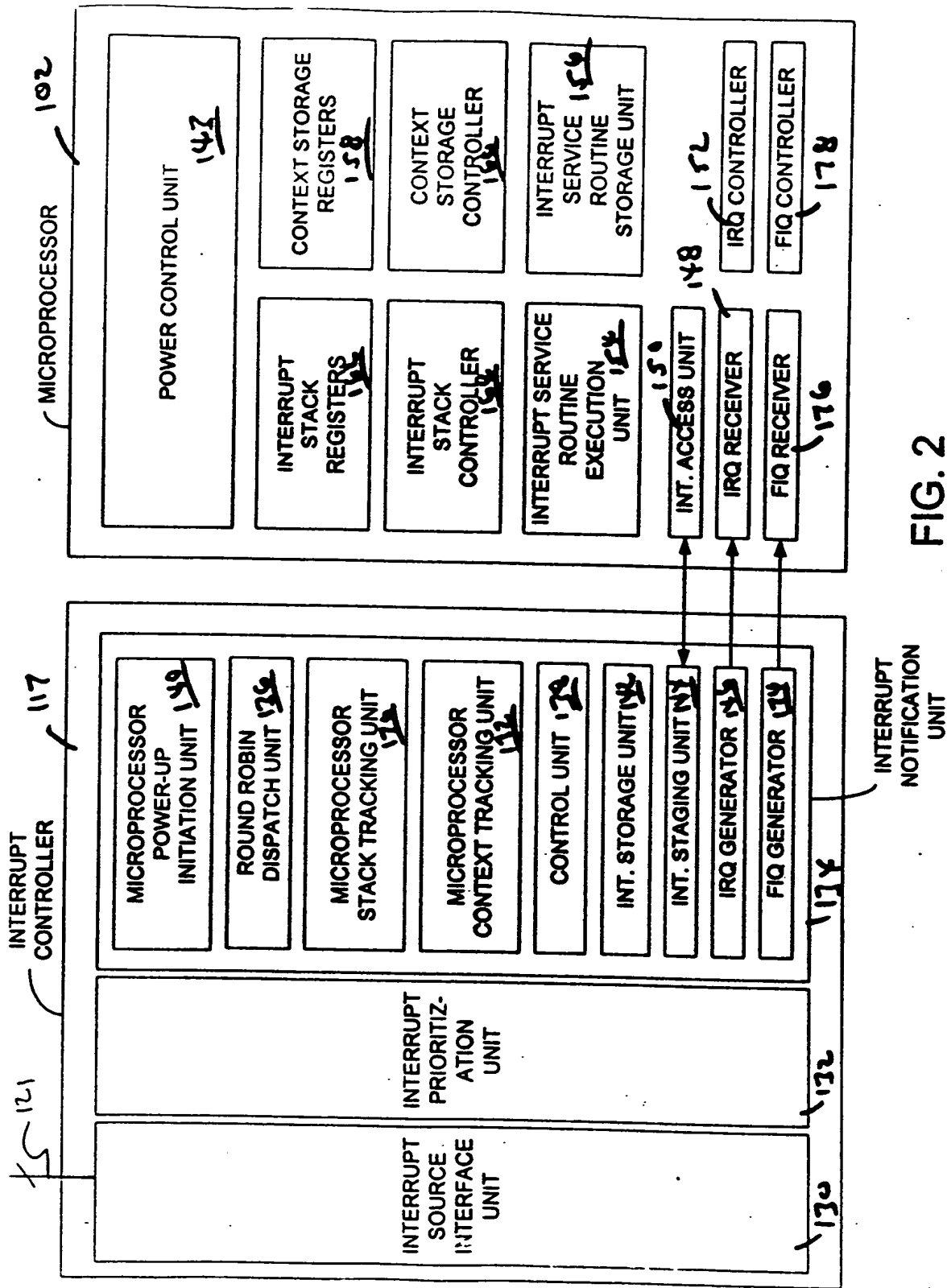


FIG. 1



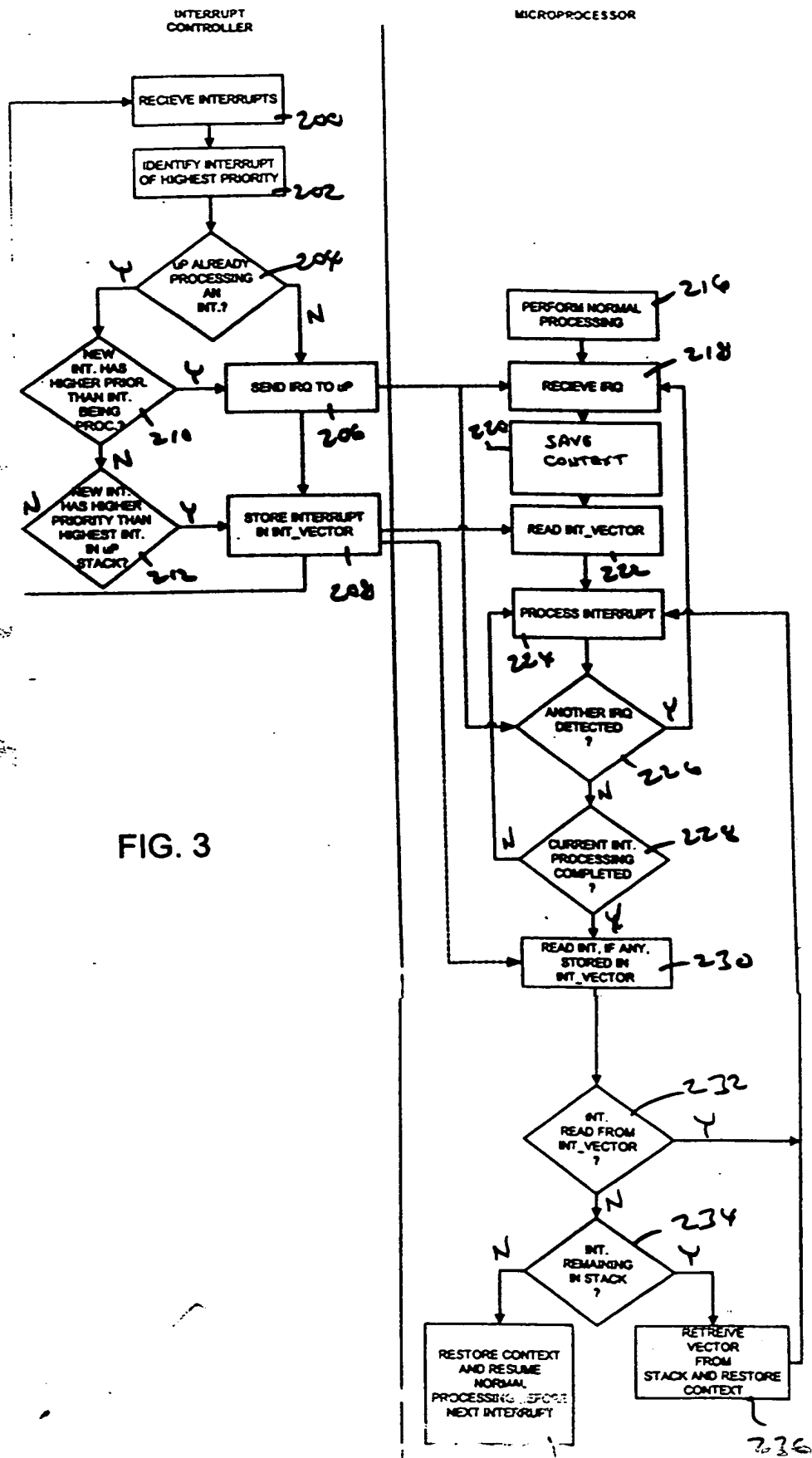


FIG. 4

306

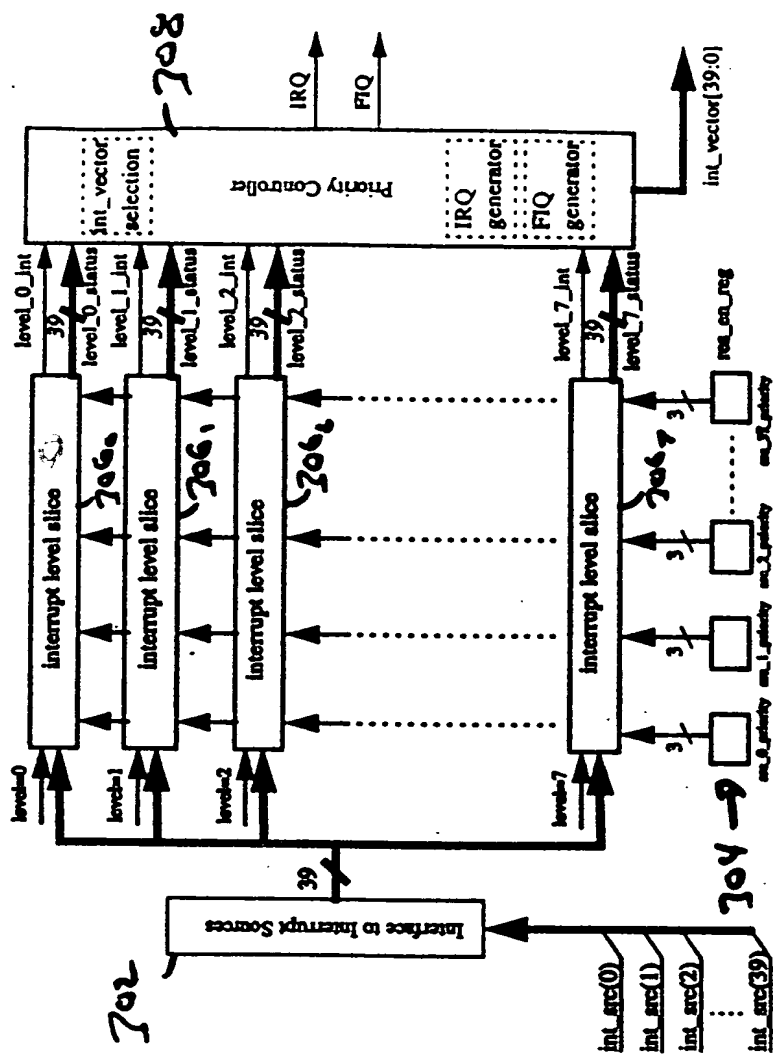


FIG. 4

300

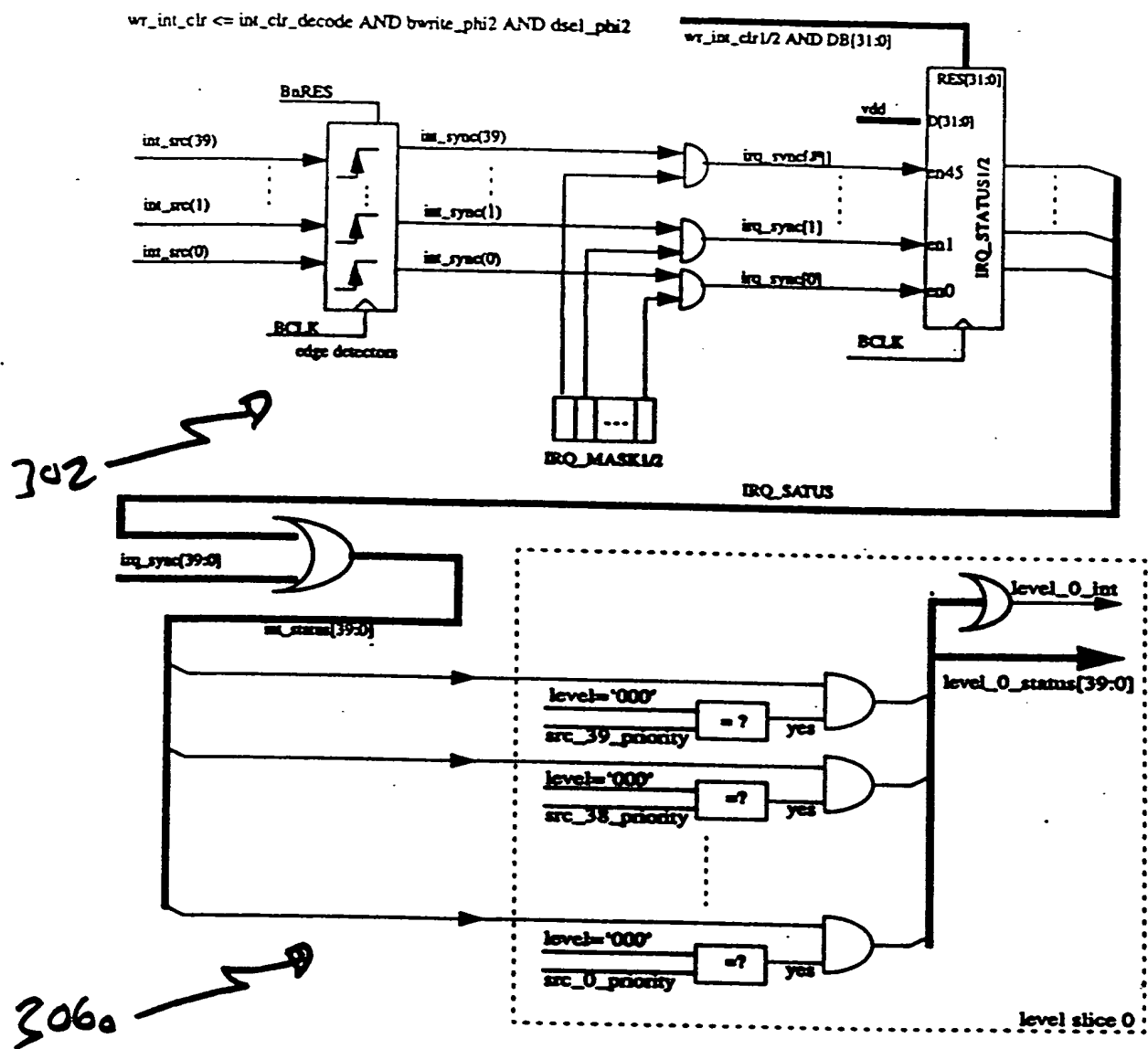


FIG. 5

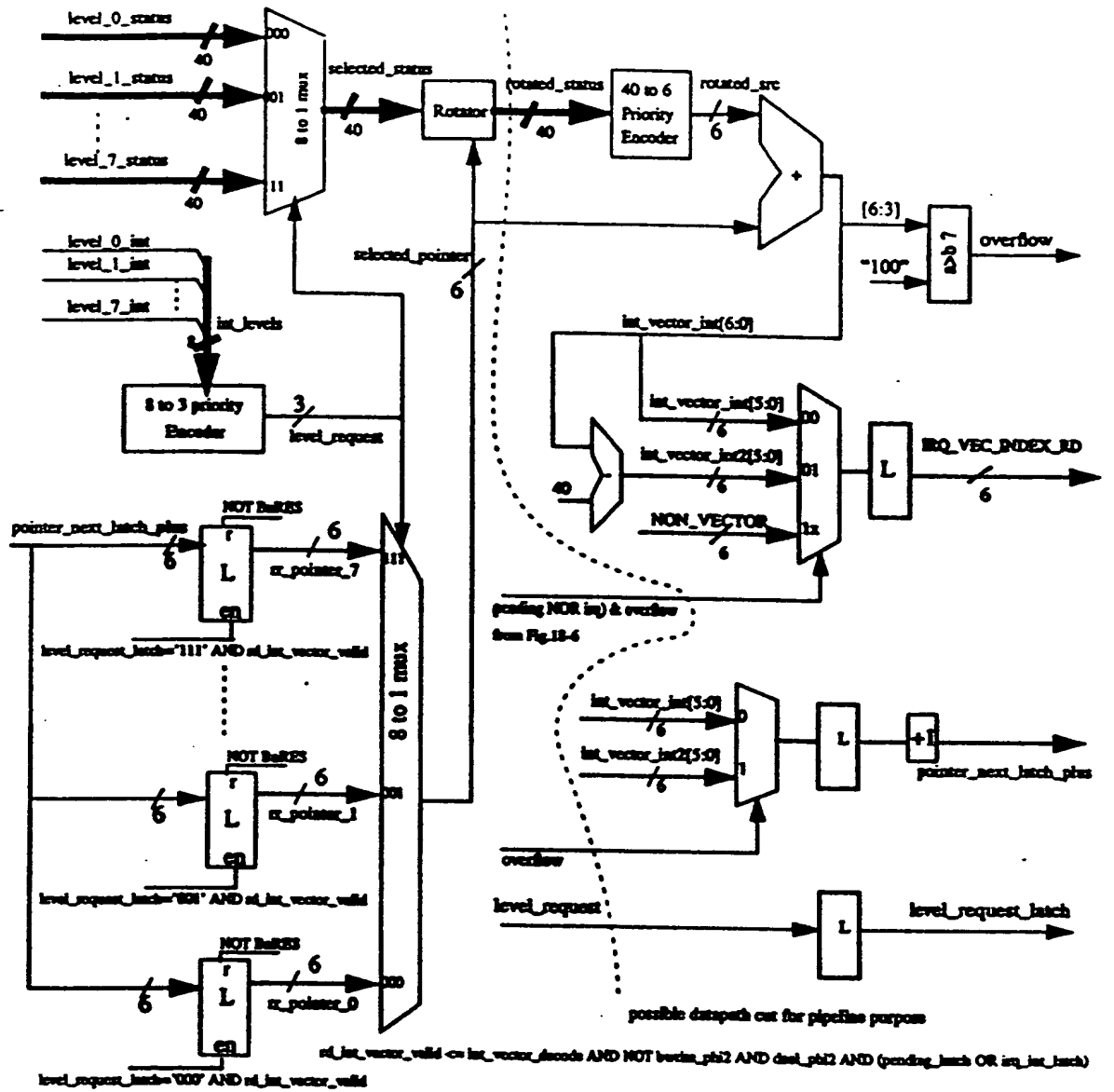


FIG. 6

The diagram shows a circular queue with 40 slots, numbered 0 through 39 clockwise starting from the top. The current state of the queue is as follows:

Slot Number	Value
0	0
1	1
2	0
3	0
4	1
5	0
6	1
7	0
8	...
9	0
10	1
11	0
12	1
13	0
14	0
15	0
16	1
17	0
18	1
19	0
20	0
21	1
22	0
23	1
24	0
25	1
26	0
27	1
28	0
29	1
30	0
31	1
32	0
33	1
34	0
35	1
36	0
37	1
38	0
39	1

An arrow labeled "rr\_pointer (the top priority position)" points to slot 0. Another arrow labeled "rr\_pointer (priority position after 2 is serviced)" points to slot 3. A curved arrow indicates the direction of pointer movement from slot 3 to slot 4.

7.6.H.1

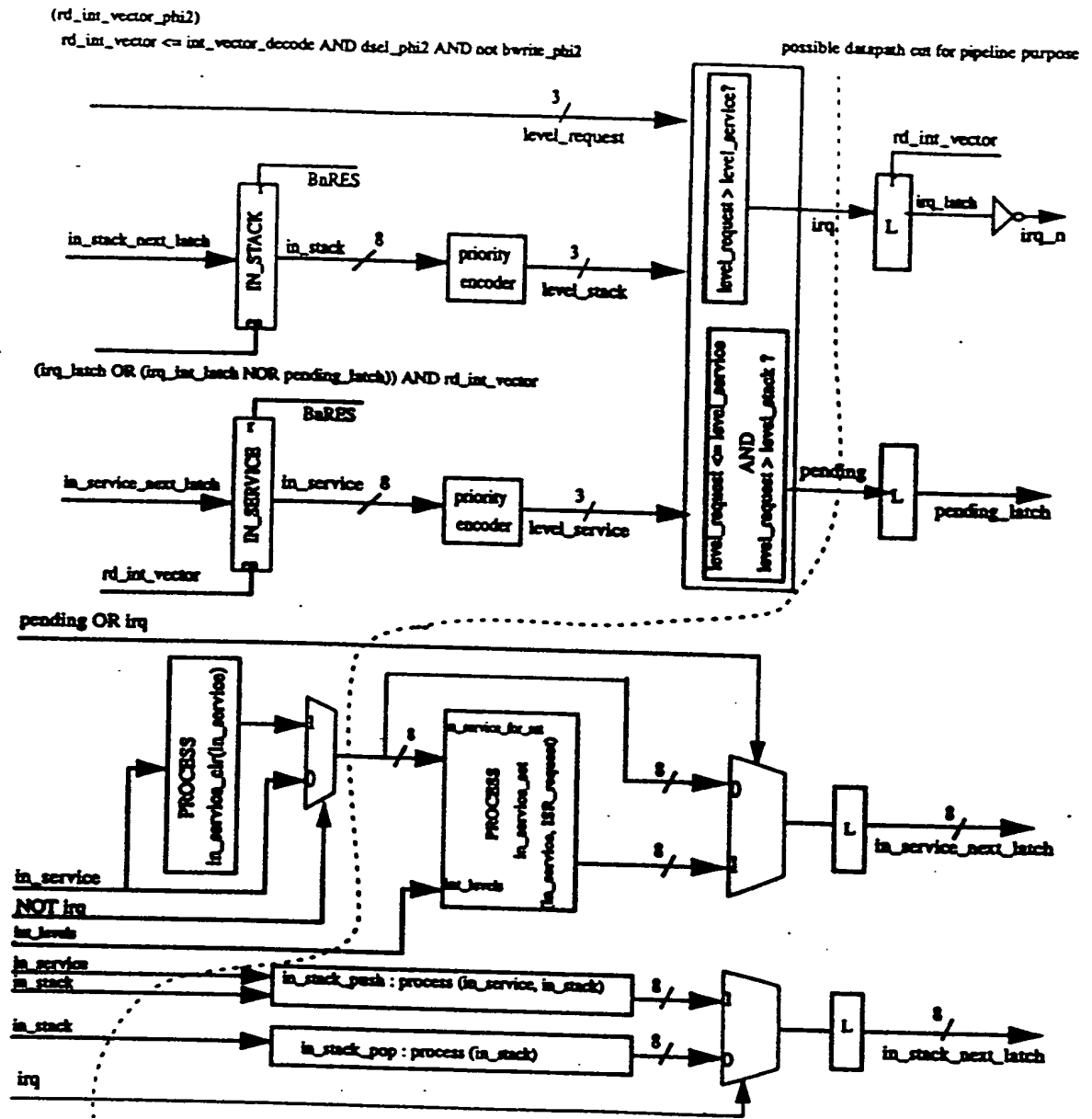


FIG. 2



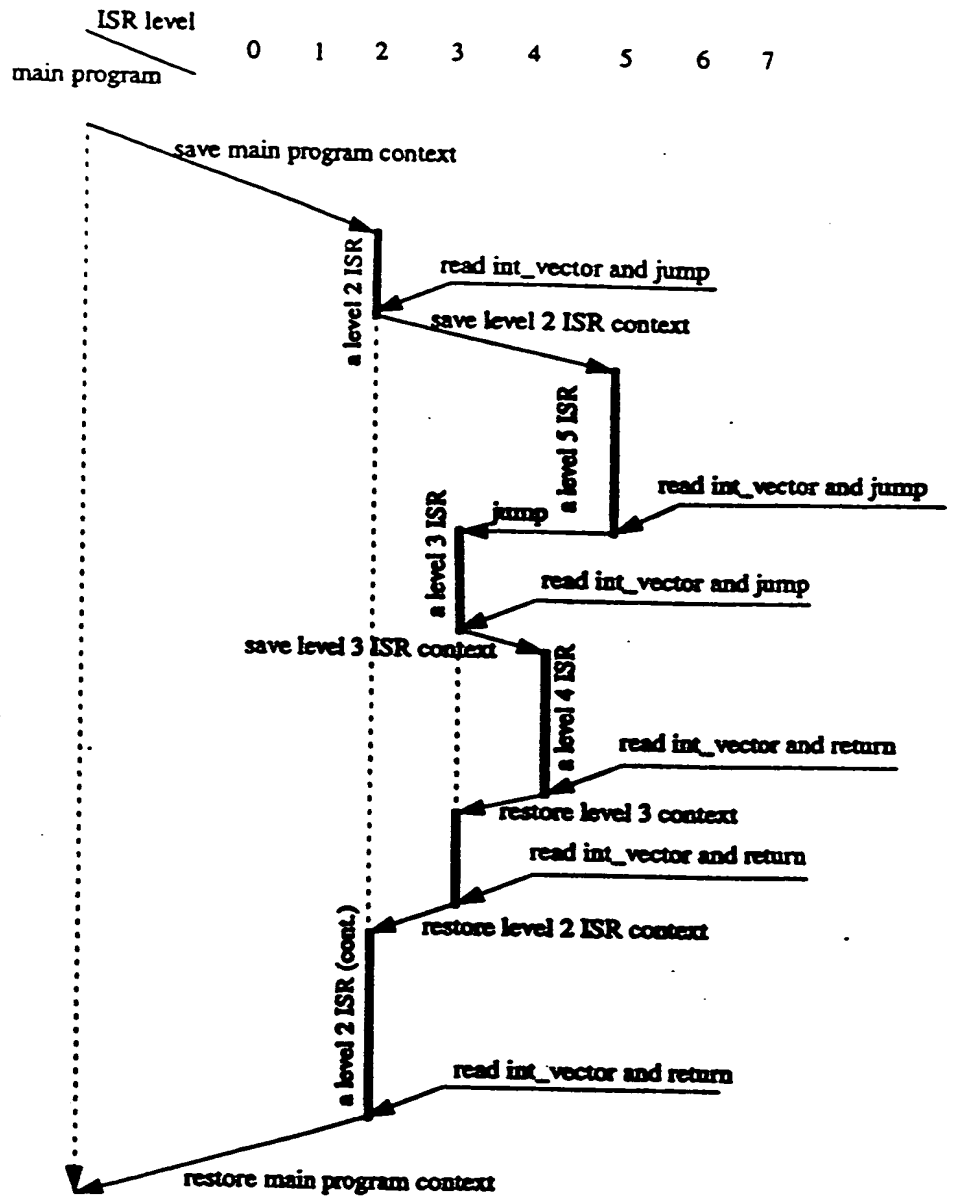


FIG. 9

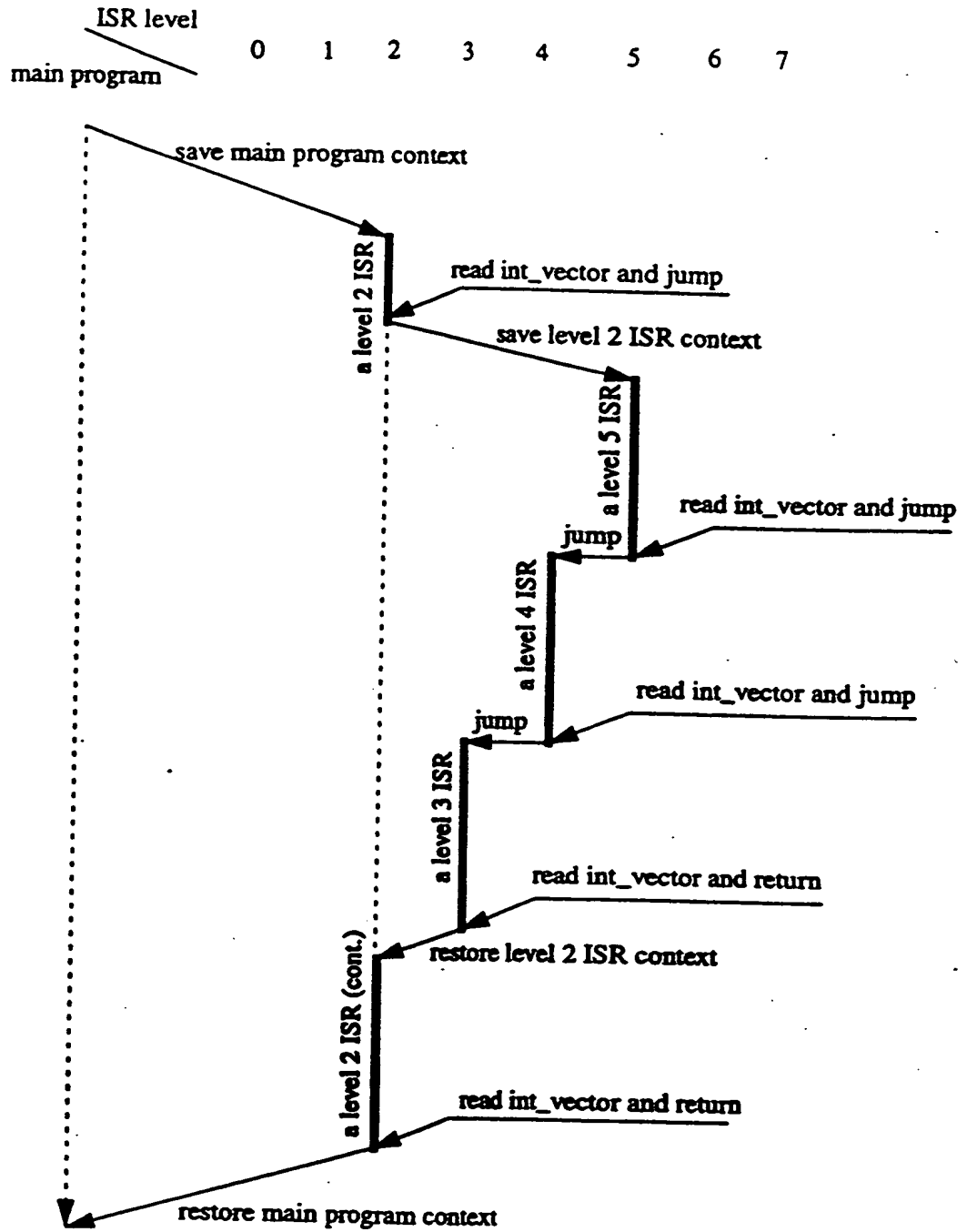


FIG. 10

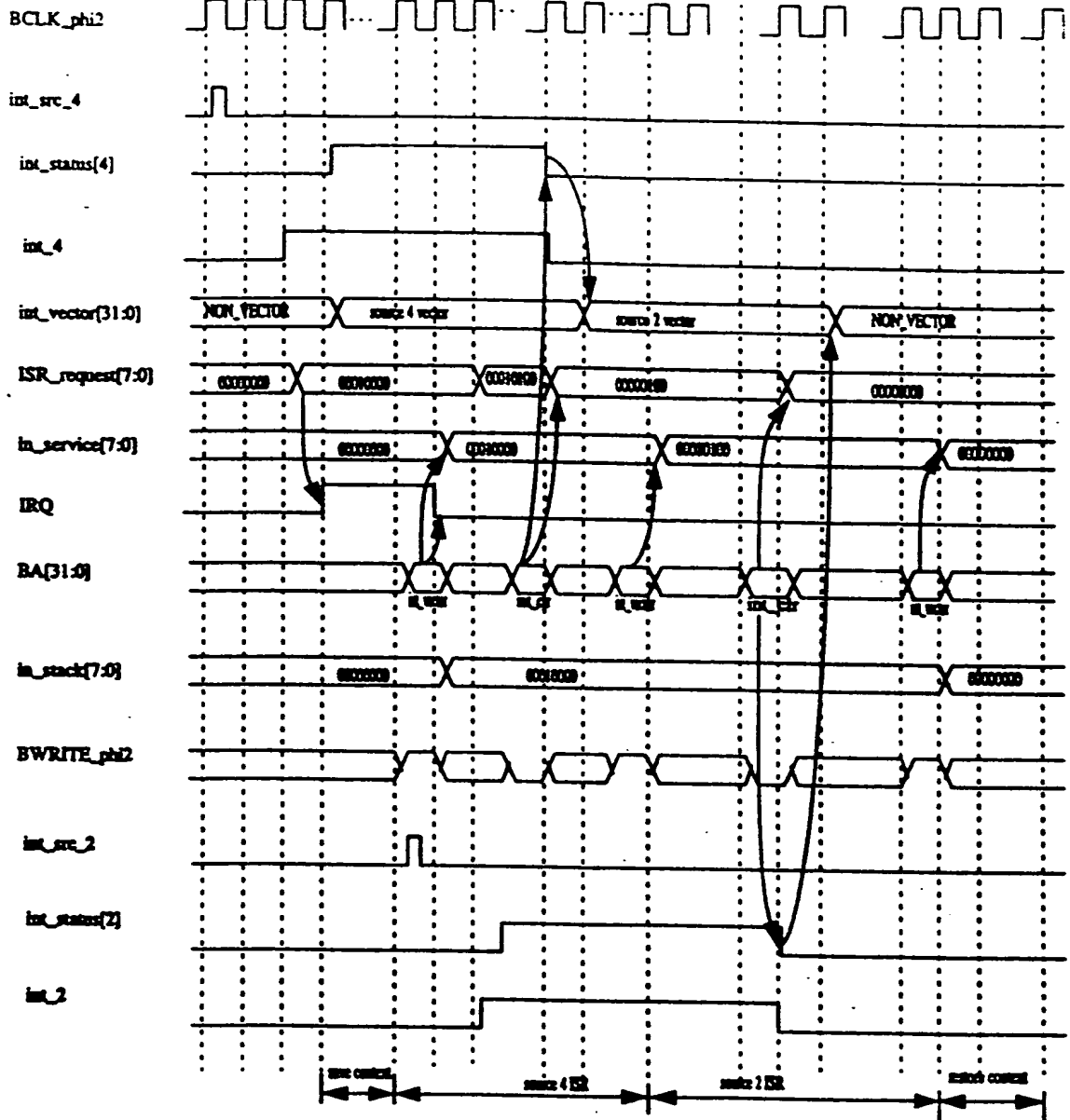


FIG. 11

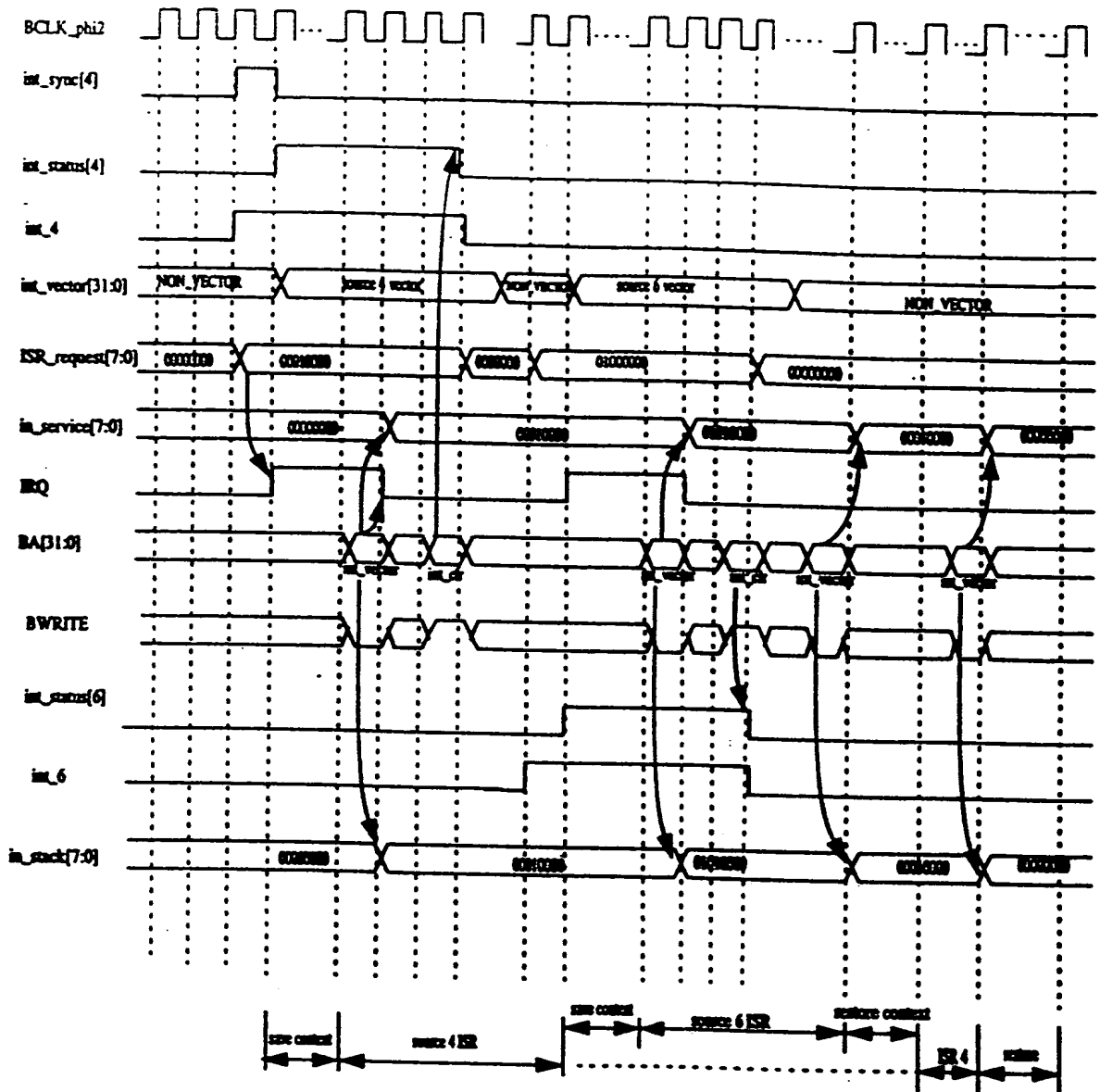


FIG. 12

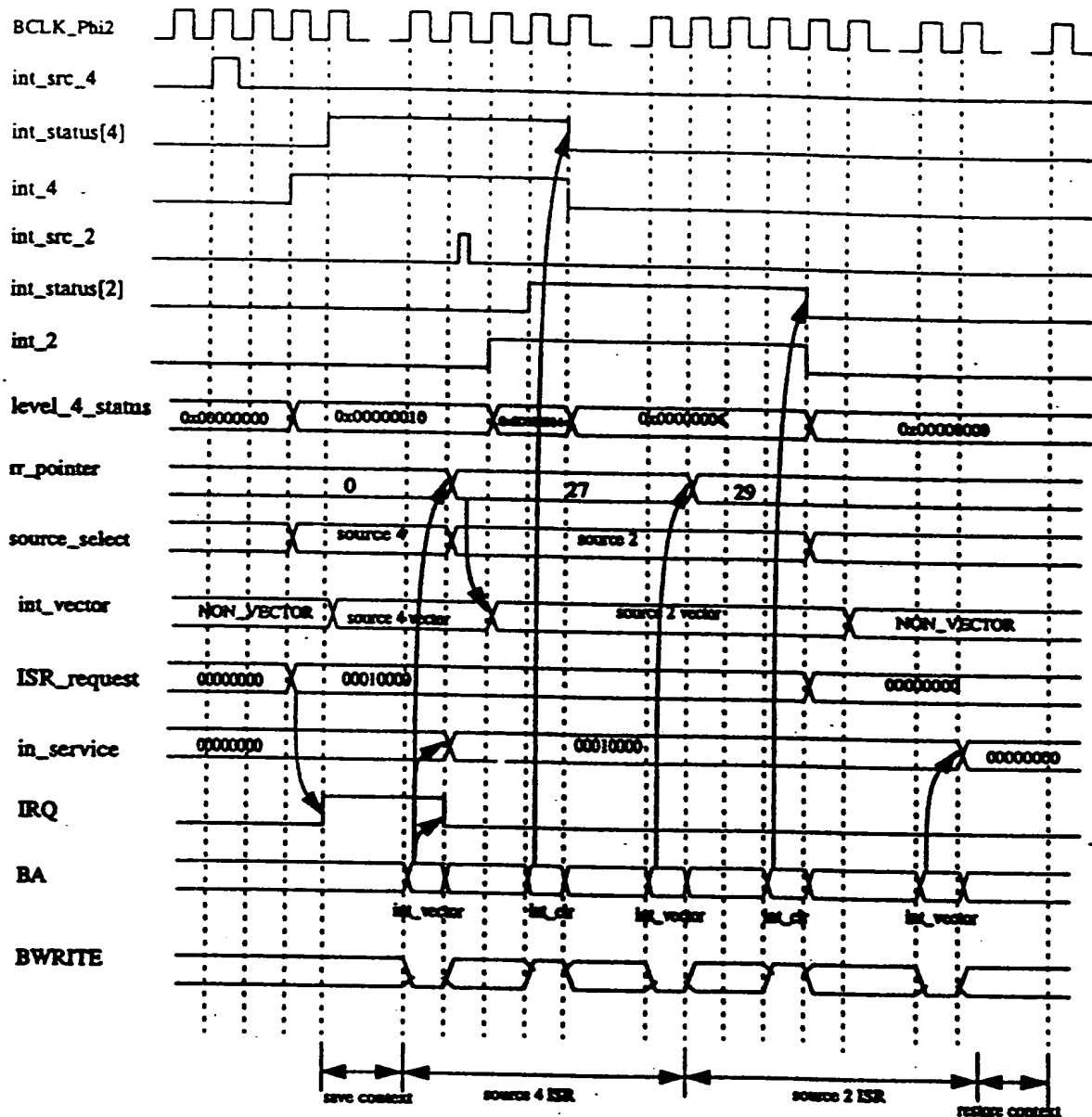


FIG. 13

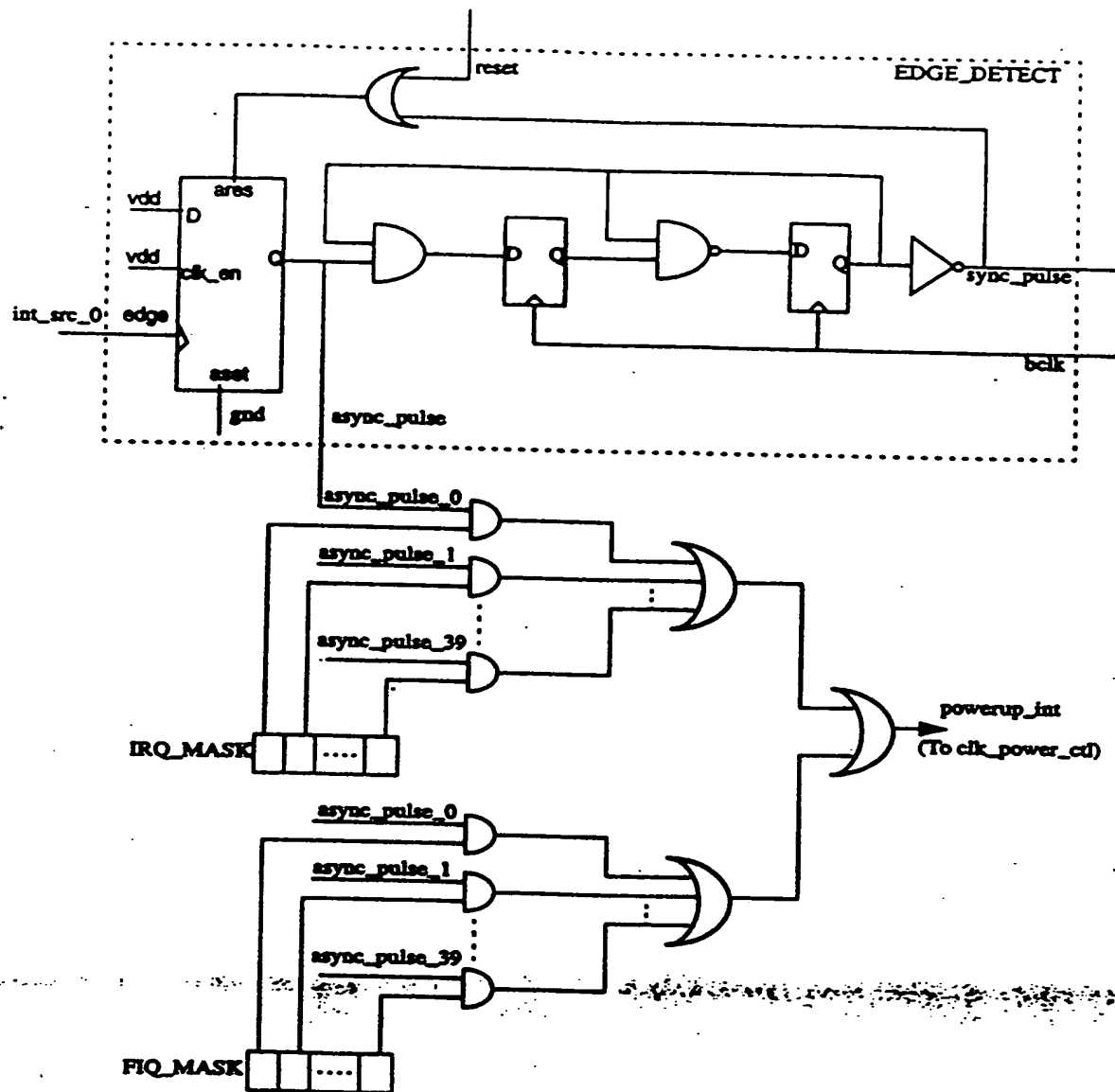


FIG. 14